

Alex Robinson | London, United Kingdom | asbrobinson@hotmail.co.uk | +447940323656 |
Portfolio Website: asbro.dev

Objective: Motivated Computer Science for Business Management graduate with a keen interest in technology and a strong foundation in Python programming. Passionate about the intersection of IT, business, and software development, and eager to contribute to innovative projects. Looking for full-time opportunities to apply my skills, grow professionally, and make a meaningful impact in a dynamic team environment.

Education:

- **B.Sc. Computer Science for Business Management - *First Class Honours (equivalent)***
Romanian-American University, Bucharest, Romania *October 2022 – 2025*
Bachelor's Thesis: Airbnb Smart Management and Security System
Final Grade: 9.5/10
- **BTEC Level 3 Extended Diploma in Business** City of Westminster College, London, England *September 2019 - June 2021*
- **Secondary School** St Thomas More Language College Secondary School, London, England *September 2013 - July 2018*

Work Experience:

- **Internship – PFA Chitea Mihai Virgil | June 2024**
Software Developer
 - Designed and implemented a database structure to support a web application.
 - Developed a web application with full **CRUD** functionality for database management using **Python** and **Flask** framework.

Skills:

- **Programming Languages Worked With:** Python, Visual Basic, C++, C#, Java, HTML
- **Web Development & Databases:** Flask, SQLite, MySQL; experienced with OOP, CRUD operations, and REST APIs
- **Custom PC Building:** Proficient in building and configuring custom PCs tailored to meet individual requirements and ensure optimal performance.
- **Troubleshooting:** Experience with diagnosing and resolving hardware and software issues, particularly in the context of PC assembly and configuration.

- **Software Tools:** Experience with Microsoft Word, Excel, PowerPoint, and Access. TeamViewer, SketchUp, VPN.
- **Operating Systems:** Windows (Proficient), Linux (Limited experience)
- **Technical Skills:** Windows troubleshooting, hardware, and software problem-solving
- **Web, Server, and Domain Management:** Familiar with web, server, and domain management, including DNS management, server configuration, WordPress implementation, private domain email setup.
- **Arduino Development:** Familiar with designing and programming Arduino-based projects, with a growing level of experience and ongoing learning.
- **Communication:** Strong verbal and written communication skills
- **Management:** Project management, time management
- **Teamwork:** Collaborative problem-solving, ability to work effectively in multidisciplinary teams

Projects:

- **Bachelor's Thesis:** Airbnb Smart Management and Security System - Developed a full-stack web application to securely manage short-term rentals, integrated with IoT physical hardware to automate guest access, real-time logging, and centralise property management.
- **Programming Projects:** Developed applications using OOP principles, CRUD functions, and RESTful API integration, such as, web scraping tools, tax/visa calculators, a library system, fuel tracker, real-time chat webapp, GPT API integration, and a Hangman game recreation.
- **Hardware Projects:** Designed and built custom PCs, optimised hardware performance and troubleshoot hardware and software issues to ensure reliable system functionality.
- **Web, Server, and Domain Management:** Actively managing domains and servers for family and friends, including DNS management, server configuration, WordPress setup, and basic private domain email setup.

(Note: These are a few selected projects showcasing diverse skills and interests.)

Hobbies and Interests:

- **Cooking:** Passionate and adventurous home chef, always trying to discover new flavours to create memorable meals for the people around me.
- **Sports and Fitness:** Enthusiastic kayaker and gym-goer, passionate about maintaining a healthy lifestyle.
- **Travel:** Enjoy exploring new cultures and gaining valuable life experiences through travel.
- **Automotive Enthusiast:** Strong interest and passion for cars, their inner workings, and mechanics. Enjoy learning about automotive technology, engine mechanics, and vehicle performance as a hobby.